



# The Gazette of India

PUBLISHED BY AUTHORITY

No. 50] NEW DELHI, SATURDAY, DECEMBER 12, 1964 (AGRAHAYANA 21, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 12th December 1964

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

21st November 1964

96632. K. S. Vyas. Improvements in or relating to a method of washing, dying and drying of wool and/or hanks or the like, and a device for carrying out said method.

96633. Farbenfabriken Bayer Aktiengesellschaft. Age resistors. (25th September 1964). [Addition to No. 87929].

96634. Farbenfabriken Bayer Aktiengesellschaft. Process for the protection of non-woven fabrics. (9th October 1964).

96635. Dowty Mining Equipment Limited. Roof Support. (24th January 1964).

96636. Instituto De Angeli S.p.A. Chemical Compounds. (23rd December 1963).

96637. Instituto De Angeli S.p.A. Chemical Compounds. (28th April 1964).

96638. Mefina S. A. Missile fuse.

96639. The International Synthetic Rubber Company Limited. Treatment of rubber latices. (5th November 1963). [Addition to No. 78463].

96640. Canadian Industries Limited. Production of container closures. (27th November 1963).

96641. G. P. Sharma. Double acting spring hinge.

23rd November 1964

96642. Fiber Industries, Inc. Bobbin.

96643. Satish Chander Mahajan. Plug and socket type electric coupling.

96644. Rhone-Poulenc S. A. Process for preparing phenols.

96645. Electric & Musical Industries Limited. Improvements relating to moving coil loudspeakers. (30th January 1964).

96646. Metrol Limited. Improvements in or relating to gauges. (26th November 1963).

96647. Massey-Ferguson Limited. Harvesting Attachment.

96648. United Shoe Machinery Corporation. Improvements in or relating to electromechanical rotary drive systems.

96649. Caterpillar Tractor Co. Method and apparatus for controlling bounce in tractor-trailer combinations.

96650. Caterpillar Tractor Co. Bulldozer with adjustable stringer bit.

96651. Inventa A. G. Fur Forschung Und Patent verwertung. Liquid Cascade reactor.

96652. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. New process for the catalytic hydrogenation of aromatic hydrocarbons.

96653. Eprova Limited. New esters of cyclic amino-acids and a process for preparation thereof. (7th April 1964).

96654. Establissements Merlin & Gerin, Societe Anonyme. Frequency sensing device.

96655. Monsanto Company. Stable monomeric aromatic azo-methines.

96656. Kabushiki Kaisha Daikin Seisakusho. Automatic clutch controlling apparatus principally for automobiles.

96657. T. Satake. Rice grain polishing machines.

96658. Ethicon, Inc. Process.

96659. The Babcock & Wilcox Company. Method and apparatus for descaling billets.

24th November 1964

96660. Council of Scientific and Industrial Research. Improvements in or relating to lightning arrester surge diverters.

96661. Council of Scientific and Industrial Research. A novel method of separating iron from ilmenite and its application in the upgrading of ferruginous ores.

96662. Council of Scientific and Industrial Research. Improvements in or relating to etching and decorative anodising of aluminium and its alloys.

96663. Council of Scientific and Industrial Research. A new process for the manufacture of glycolic acid.

96664. A. S. Gill. Improved fractional divider.

96665. Rhone-Poulenc S. A. Process for the preparation of quinoline derivatives and pharmaceutical compositions containing them.

96666. Rockwell-Standard Corporation. Brake mechanisms.

96667. S. Smith & Sons (England) Limited. Improvements in or relating to aircraft instruments. (28th November 1963).

96668. Sir James Farmer Norton & Co. Limited. Improvements in or relating to dyers' jiggers. (28th November 1963).

96669. The Norwich Pharmacal Company. Improvements in or relating to Imidazolidinone derivatives.

96670. Imperial Chemical Industries Limited. Coating compositions. (25th November 1963).

96671. Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Weldable, tough and high strength for structure member usable in the as-hot-worked state and method of manufacture.

96672. Nizhne-Tagilsky Zavod Plastmass. Continuous pheno-aldehyde Polycondensation process.

96673. Nauchno-Issledovatelsky Institute Shinnoi Promyshlennosti. Eslastic coupling.

96674. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble azo dyestuffs and process for preparing them.

96675. Sumitomo Chemical Company Ltd. Cyclopropane-carboxylic acid esters.

96676. American Home Products Corporation. Stabilized benzathine penicillin compositions.

96677. Ciba Limited. Pesticidal preparations.

96678. Dow Corning Corporation. Bonding thermoplastic resins to inorganic material.

96679. P. Bork. Vencer production. (17th February 1964).

96680. The British Petroleum Company Limited. Process for the production of detergent alkylate.

96681. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Method of increasing the chain length of aldehydes.

96682. Leslie Hartridge Limited. Testing device for compression ignition engines.

96683. Merck & Co. Inc. Oxidation process.

96684. Merck & Co. Inc. 2-substituted Benzimidazoles.

96685. Dr. Ing. L. Muller. Improvements in or relating to foundation piles.

96686. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of mono- and poly-unsaturated aldehydes or their functional derivatives.

96687. Ciba Limited. Process for the manufacture of 4 : 4'-diamino-1 : 1'-diantha-quinonyl-3 : 3'-disulfonic acid.

96688. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing glass articles having a high mechanical strength.

96689. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing glass articles having a high mechanical strength.

96690. Council of Scientific and Industrial Research. Improvements in or relating to direct plating of copper on aluminium and aluminium alloys.

96691. Council of Scientific and Industrial Research. Improvements in or relating to electro deposition of chromium-molybdenum alloys.

25th November 1964

96692. S. N. Sud and A. K. Sood. Rice polishing device (removal of bran).

96693. H. I. H. A. Rehman. Improvements in or relating to multifungus foot cream and method of manufacturing the same.

96694. Plant Products Corporation. Herbicidal composition.

96695. J. R. Geigy A. G. Stabilization of synthetic organic polymeric substances.

96696. Porous Plastics Limited. Improvements relating to microporous material.

96697. Imperial Chemical Industries Limited. Woven fabrics. (25th November 1963).

96698. Aktiebolaget Bofors. A cartridge ramming device for introducing cartridges into the cartridge-chamber of the barrel of a gun.

96699. Aktiebolaget Bofors. A cartridge hoisting device for an automatic gun.

96700. Sperry Rand Corporation. Fluid or gate. [Addition to No. 88830].

96701. Sperry Rand Corporation. Mounting means for casing cover members.

96702. Arun Bose. Improvements in or relating to calling bells.

96703. The Fluor Corporation, Ltd. Circular crossflow cooling tower.

96704. Jacob Ritter Kg. Pencil, especially a ball-point pencil.

96705. Parks-Cramer Company. Travelling cleaner for looms and method.

96706. Veb Elektromaschinenbau Sachsenwerk Dresden-Niedersedlitz. Process and device for manufacture of commutator segments.

96707. Acf Industries, Incorporated. Valve.

96708. Arun Bose. Theft detecting device.

26th November 1964

96709. Council of Scientific and Industrial Research. Improvements in or relating to the production of misch metal.

96710. Council of Scientific and Industrial Research. A process for the treatment of styrene pitch.

96711. Fisons Pest Control Limited. Chemical compounds. (28th November 1963).

96712. Centre De Recherches De Pont-A-Mousson. Device for controlling molten metal pouring vessels and foundry moulds incorporating said device.

96713. Schweiizerische Wagons- und Aufzufabrik A.-G. Improvements in or relating to lift control systems.

96714. American Home Products Corporation. Benzodiazepines.

96715. United States Steel Corporation. Method of smelting iron ore.

96716. Standard Oil Company. Terephthalic acid recovery.

96717. Shell Internationale Research Maatschappij N. V. Process for the catalytic hydrogenation of block copolymers.

96718. Sandoz Ltd. Improvements in or relating to organic compounds. (27th November 1963).

96719. J. H. J. Wood. Improvements in and relating to the grinding and/or dispersing of pigments in a liquid medium. (27th November 1963).

96720. Bright Manufacturing Company Limited. Improvements in trimming or sealing strips. (13th January 1964).

96721. Sunil Kumar Mukherjee and Ravalgaon Sugar Farm Limited. Improvements in or relating to devices for the fast screening of sugar crystals or like materials according to sizes.

27th November 1964

96722. J. R. Geigy A. G. New semicarbazones of 5-nitro-2-furaldehyde. (28th November 1963).

96723. Statimcarbon N. V. Preparation of oximes.

96724. Chilton Electric Products Limited. Improvements in or relating to an assembly of casing components.

96725. Chilton Electric Products Limited. Improvements in or relating to electrical circuit breakers.

96726. Grasso's Koninklijke Machinefabrieken N. V. Replaceable shaft seal. (5th December 1963).

96727. Rohm & Haas Company. Composition for coating and impregnating purposes and process therefor.

96728. Indian Oxygen Limited. Improvements in or relating to turbines. (27th November 1963).

96729. Allen & Hanburys Limited. Improvements in or relating to pharmaceutical compositions. (28th November 1963).

96730. Strachan & Henshaw Limited. Improvements in or relating to tipplers. (28th November 1963).

96731. James Mackie & Sons Limited. Improvements relating to spinning and twisting machines. (28th November 1963).

96732. Cooper Roller Bearings Company Limited. Improvements in or relating to roller bearings. (4th December 1963).

96733. Sanghvi Non-Ferrous Metal Industries. Containers.

**Alteration of date**

88441. The claim to priority date 20th August 1962 has been disallowed and the application dated as of 15th June 1963, the date of filing in India.

95236. Ante-dated to 21st May 1963 under Section 5 of the Act.

96308. Ante-dated to 21st February 1963 under Section 5 of the Act.

96309. Ante-dated to 21st February 1963 under Section 5 of the Act.

96310. Ante-dated to 21st February 1963 under Section 5 of the Act.

96311. Ante-dated to 21st February 1963 under Section 5 of the Act.

96312. Ante-dated to 21st February 1963 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in the crescent brackets are the dates allowed under Section 78-A of the Act.

86614. H. Holloway. Improvements in electrophotographic copy machine. Accepted on 21st November 1964.

*Comprising a movable document carrier, an optical projection station, movable electro-photographic sensitive surface, processing stations, a timing system and a copy programming system.*

86624. Schloemann Aktiengesellschaft. Improvements in and relating to the methods of protecting the tools and the like during extrusion processes. Accepted on 21st November 1964.

*Comprises applying between billet and tool, a mixture containing metal oxides and either a component having crystalline nature of lattice structure inter-connected by ions or component mixture of such component and amorphous material.*

86837. Nippon Kogei Kogyo Co. Limited. Improvements in or relating to spray nozzles to be used with spray guns for coating articles. Accepted on 24th November 1964.

*Atmosing means comprise semi-circular outwardly swollen narrow slit shaped outlet for coating material with slit outlets on both sides for compressed air.*

87107. Harnischfeger Corporation. Electric motor control system. Accepted on 24th November 1964.

*Regulating means include amplifying means which comprises error detecting means which is responsive to speed reference signals for establishing a current flow to the controllable means which is proportional to the degree of error between the actual and desired motor speed.*

87547. Societa' Italiana Telecomunicazioni Siemens s.p.a. Telephone set. Accepted on 22nd October 1964.

*Wherein hand set is subdivided into two parts one containing ear piece and other mouth piece the two parts being articulately connected to one another.*

87651. Tokheim Corporation. Ratio selecting apparatus for a compound speed variator. Accepted on 27th October 1964.

*Comprises predeterminers presettable for different ratios and selecting means to render predeterminers effective to actuate stop mechanism when variator is set to desired ratio on predeterminer.*

87860. J. M. Harvey and W. I. Fransen. Improvements in musical instruments. (11th May 1962). Accepted on 27th November 1964.

*Mechanism for reproducing sound upon actuation of a control by relative movement between a recorded medium and a transducer.*

87913. Dempster Brothers, Inc. Apparatus for handling containers. Accepted on 13th November 1964.

*Comprises elongated carriage assembly with power means for movement transversely of vehicle and bail assembly mounted on the assembly.*

87914. Dempster Brothers, Inc. Vehicle body loading and unloading mechanism. Accepted on 13th November 1964.

*Comprises tilting frame, carriage with runners and side rails for movement relative to tilting frame and bail assembly and detent means to move container onto tilting frame.*

87922. Standard Telephones and Cables Limited. Telephone systems comprising a plurality of concentrators connected to a distant telephone office via time division multiplexing highways. Accepted on 27th November 1964.

*Comprising a plurality of concentrators connected to a distant office via time division multiplexing highways, local clock means at the office and each of the concentrators, means for synchronizing clocks, and space division switching means for giving communication.*

88027. Aziende Colori Nazionale Affini Acna S.p.A. Process for the preparation of hydro-soluble phthalocyanine dyestuffs and dyeing baths containing them. (23rd May 1962). Accepted on 18th November 1964.

*A phthalocyanine tri or tetra sulphamide is partially hydrolysed with concentrated  $H_2SO_4$ .*

88052. V. D. Roosa. Electromagnetic vibrator. Accepted on 21st November 1964.

*Characterized by a pair of contacts, spaced uprights secured to base, an armature having a pivot axis, a torsion spring, and electric circuit means connecting the winding of electro magnet in series with contacts.*

88053. Kearney & Trecker Corporation. Machine tool with tool changer. Accepted on 21st November 1964.

*Includes an upstanding column, a rotary spindle journaled in said column on a fixed axis and adapted to receive diverse tools for individually operating, a work supporting table for supporting a work piece and tool change means.*

88061. Caloric Corporation. A panel. Accepted on 21st November 1964.

*Comprising inner frame members disposed between opposed pairs of outer frame members having slots for engaging an adjacent end of an inner frame member, each of the frame members being provided with a channel disposed intermediate its longitudinal edges.*

88065. Societe Fives Lille-Cail. Improvements in heat exchangers or evaporators. Accepted on 21st November 1964.

*Nest of vertical heating plates disposed in cylindrical, horizontal vessel.*

88085. The English Electric Company Limited. Improvements in or relating to the continuous production of laminated articles. (5th June 1962). Accepted on 23rd November 1964.

*Comprises feeding one or a pair of fibrous skins through a resin bath or baths to impregnate the skin or skins and feeding the skin or pair of skins and a stiffening member continuously through a heated die wherein the resin is cured.*

88097. The Babcock & Wilcox Company. Improvements in or relating to pulverizers. Accepted on 23rd November 1964.

*A circular row of rolling grinding elements located between an upper backing member and a lower backing member, means for rotating one of the backing members in a clockwise direction means for rotating the other backing member in an anti-clockwise direction and means for directing carrier air upwardly past the grinding elements.*

88104. The Geigy Company Limited. Improvements relating to synthetic lubricants comprising organic esters and process for preparing the organic esters. (24th May 1962). Accepted on 23rd November 1964.

*Reacting (a) one (b) 2.75-2.85 and (c) 0.125-0.075 mole proportion of 1:1:1-trimethylolpropane, caprylic acid and sebacic or azelaic acid respectively.*

88118. Shawinigan Resins, Corporation. Coating compositions. Accepted on 23rd November 1964.

*A stable coating composition comprises a solvent and a 3.75% by weight therein of uncondensed polymer-forming components.*

88126. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of propylene (1, 2)-bis-dithiocarbamates of magnesium, strontium, barium, nickel, cobalt, ferrous iron and ferric iron and fungicidal compositions containing them. (26th February 1963). Accepted on 25th November 1964.

*Treating reaction product of propylene diamine and carbon disulphide in presence of strong base, with metal salt.*

88131. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods and machines, for making grids for electron discharge tubes. (30th May 1962). [Addition to No. 63242]. Accepted on 25th November 1964.

*Characterized in that during displacement of the backbones the second pair of tongues gripping the backbone, is moved faster than the first pair of tongues moving the backbones.*

88145. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the preparation of cyclohexyl-phenyl ketone. Accepted on 24th November 1964.

*Heating a mixture of benzoic and hexahydrobenzoic acids in the presence of their manganese salts as catalysts.*

88149. J. M. Huber Corporation. Mastic composition. Accepted on 23rd November 1964.

*Comprises filler kaolin clay, an organometallic complex of werner type of a chromium or zirconium salt and a carboxylic acid containing at least 3 carbon atoms coated on the surface thereof.*

88157. Standard Telephones and Cables Limited. Deposition of a metallic film on an insulating substrate. (25th May 1962). Accepted on 25th November 1964.

*Separate evaporation of both a metal capable of adhesion to the substrate and a metal capable of being soft soldered, allowing the metals to mix in the vapor phase and decreasing the relative rate of evaporation of the adhesive metal as the thickness of deposition increases.*

88159. Imperial Chemical Industries Limited. Improved thermoplastic coated fabric sheet material. (1st June 1962). Accepted on 23rd November 1964.

*Heating substrate coated with plastic composition containing blowing agent and attaching multiplicity of textile yarns to pored surface.*

88162. Dunlop Rubber Company Limited. Vulcanized Elastomers. (1st June 1962). Accepted on 24th November 1964.

*Method of preparing vulcanised elastomers comprising heating a synthetic rubber polymer with sulfur curatives or an organic peroxide and with an oxide on hydroxide of a polyvalent metal in the presence of a neutral or basic organic hydroxy compound.*

88176. J. Szabady and J. Demeter. A process and apparatus for applying a layer of thermosetting resin. Accepted on 23rd November 1964.

*Comprises applying a layer of resin onto one surface of the carrier, applying a vacuum on the other surface of the carrier, applying heat above the melting point of the resin to lower and viscosity thereof and cooling the absorbed resin.*

88194. Onoda Cement Company Limited. The method of distributing the product from a rotary kiln uniformly within a certain width. Accepted on 23rd November 1964.

*Distributing the product to be discharged from a rotary kiln by giving an incline in the longitudinal direction to the outlet or cut end of the rotary kiln or by expanding the outlet end of the rotary kiln in a conical form having an incline in the longitudinal direction.*

88199. G. B. E. Schueler. Dry material preparations for making products of substantially rigid nature by the application of heat and pressure, method of producing same, and method of producing articles therefrom. (7th June 1962). Accepted on 25th November 1964.

*Coarse fibrous material in divided form with thermoplastic and thermosetting material dispersed throughout, the whole thing being convertible into rigid structure by applying heat and pressure.*

88216. Rohm & Haas Company. Preparation of inorganic and organic salts. Accepted on 21st November 1964.

*Comprises reacting (1) the acid (HX) in the presence of a water insoluble weak-base anion exchanger or said anion exchanger in the form of a salt with said acid (HX), with (2) a metal salt of an acid (HY).*

88328. K. Fritz. Galvanizing or aluminium plating furnace. (16th May 1963). Accepted on 21st November 1964.

*Having a ceramics vat for receiving the smelt, in which the furnace base is adapted to be cooled by means of liquid or cooling agents.*

88337. Ciba Limited. Manufacture of honeycomb structures. Accepted on 26th November 1964.

*Honeycomb structures having two faces constituted by open ends of cells made up of edge sections of the cells, a hard non-tacky deposit of an adhesive curable under the influence of heat and pressure being substantially confirmed to the said edge sections.*

88430. V. V. Vologdin, A. D. Demichev, V. P. Soochkousow, A. V. Lakedemovsky and J. E. Abramenko. A method of increasing resistance to wear of cast-iron internal combustion engine cylinder liners. Accepted on 25th November 1964.

*Strengthening the part of the liner most subjected to wear with a layer of alloy consisting of for example, nickel, chromium and copper which is applied by direct casting or fusing it onto the part of the liner.*

88441. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing sulphur-vulcanizable olefin copolymers and vulcanized copolymers obtained therefrom. Accepted on 24th November 1964.

*Polymerizing mixture of monomers like ethylene and aliphatic  $\alpha$ -olefins with monocyclic-non-conjugated polyenes or alkyl polyene in presence of catalyst from (a) transition metal compounds of groups IV and VI and (b) metal organic compounds or hydride of elements of groups I, II, and III of periodic table.*

88557. Stamicarbon N. V. Process for preparing acetic acid by catalytic oxidation of propylene. Accepted on 24th November 1964.

*Prepared by reacting oxygen with propylene in the gaseous phase and at 200 to 400°C in the presence of catalytic material comprising both molybdenum and tin.*

88560. Williams & Williams Limited. Angle Section Constructional Elements. Accepted on 21st November 1964.

*Wherein at least one flange is provided with at least one row of circular holes and one row of slots arranged in pairs.*

88583. Dr. Back & Co. G.m.b.H. Modified polyesters method of preparing them and impregnating varnishes prepared therewith. Accepted on 23rd November 1964.

*An imidocarboxylic acid is used as a modifying agent.*

88595. Carrier Corporation. Dynamoelectric machine and method of protecting the same from over-temperature conditions. Accepted on 27th November 1964.

*A temperature sensitive resistance element is secured in direct electrical contact with conductor windings said resistance element being in intimate heat transfer relation with said winding.*

88639. International Business Machines Corporation. Ribbon feed mechanism. Accepted on 25th November 1964.

*Ribbon guide movable transversely to the ribbon and substantially in the plane thereof to position the ribbon for a print action, the guide being driven by a member movable on each print action.*

88643. Subbarammayyer. Improved method for treating wood of timber to render it insect proof and fungus and crack proof. Accepted on 23rd November 1964.

*Comprises soaking the wood to be treated in a solution containing a polyglycol, additional preservatives and insecticide for sufficient time to allow the treating solution to diffuse into the cells and tissues of the timber and to be fixed in the cells and tissues.*

88718. A. Lorand. Improvements in or relating to surveying apparatus. Accepted on 27th November 1964.

*Including a transmitter for transmitting light beam, a receiver including light-sensitive element, means for adjusting the light-sensitive element and means for measuring height.*

88762. American Flange & Manufacturing Co. Inc. Closure plugs and methods for making same. Accepted on 27th November 1964.

*Characterized by the lugs having extremities positioned and secured between two portions of the plug head.*

88848. Raduner & Co. A. G. Process for improving the wash-and-wear characteristics of textile material consisting at least partly of cellulosic fibers. Accepted on 24th November 1964.

*Characterized by producing on textile material, when in swollen state, a rearrangement of yarn by uniformly stretching the material by 30% of its extension at break and then cross-linking the material.*

88917. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing metallic images on aluminium and aluminium alloys. Accepted on 21st November 1964.

*By means of at least one photosensitive compound being brought into contact with a solution of mercurous ions, and if desired, silver ions whereupon the resulting latent mercury or silver amalgam nuclei image is intensified in mass with metal.*

89018. Celanese Corporation of America. Process and apparatus for applying a liquid to a travelling continuous material. (15th November 1962). Accepted on 25th November 1964.

*Comprises feeding liquid to rotatable disc member with radial passageways to cause the liquid leave the disc in the form of plane sheet of droplets and passing material through the droplets.*

89028. Standard Telephones and Cables Limited. Improvements in or relating to P-N junction semiconductors. (3rd August 1962). Accepted to 21st November 1964.

*Producing disturbed arrangement of atoms in crystal lattice of semi-conductor material heating to a particular temperature and cooling at a controlled rate.*

89082. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Method for the preparation of dicyclohexylketone. Accepted on 24th November 1964.

*Heating hexahydrobenzoic acid in the presence of a manganese oxide catalyst.*

89085. Stothert & Pitt, Limited. Improvements in or relating to tower cranes. (31st July 1962). Accepted on 26th November 1964.

*A yoke member, adapted, when the tower is erected for connection to the superstructure, a winch drum rotatable about a pinile attached to the yoke, means for locking the yoke.*

89086. Stothert & Pitt, Limited. Erection of tower cranes. (31st July 1962). Accepted on 26th November 1964.

*Movable side walls of the superstructure when attached thereto defines with the remaining sides thereof a hollow guiding body, whilst leaving a reduced lateral opening in the side of the superstructure through which one or more sections of the tower can be introduced.*

89306. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to coil-winding machines for continuously providing the poles of rotors intended for electric commutator motors with coils connected in series and with loops of metal wire located between the various coils. Accepted on 24th November 1964.

*The winding head is provided with means controlled by the machine, which make it possible, after a coil has been completely wound at high speed, to eliminate the locking of the rotor at low speed of the head and rotate the rotor in a stepwise manner and during this stepwise rotation the wire is caught by an arm, wherein the arm has a suspension device for the loops provided with the inlet remote from the centre line of the winding head.*

89600. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to lighting fittings. Accepted on 24th November 1964.

*Includes two lamp holders, each secured to a support adapted to be moved in the fitting and has a operating mechanism wherein the two lamp holders can simultaneously be moved either towards or away from each other.*

89601. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to fittings for containing heavily loaded electric lamps. Accepted on 24th November 1964.  
*Means for dissipating the heat of the seals consist of movable structural components parts of the armature which are subjected to spring action and, when a lamp is inserted, engage the relevant seals of this lamp.*

89617. Associated Electrical Industries Limited. Apparatus for embossing information on cable sheathing. (7th September 1962). Accepted 24th November 1964.  
*The condition of the balance of the balance arm or beam structure and the pivoting of the embossing wheel assembly by the pivot means is such that the embossing wheels will apply pressure in different directions to angularly displaced portions of the sheathing of the cable.*

89632. The New York Air Brake Company. Valve. Accepted on 21st November 1964.  
*Priority valve means extend across the body portion of the exhaust chamber and having opposite end portions that are received in the first and second passages.*

89722. Hitachi, Ltd. Transformers windings. Accepted on 24th November 1964.  
*Comprises conductors each having formed thereupon a thin inner layer of heat-resistant insulating paper and an outer insulating layer of ordinary insulating paper not treated for heat-resistance.*

89818. Continental Elektroindustrie Aktiengesellschaft Voigt & Haeffner. Gas-blast switch with low-impedance switch resistors. Accepted on 24th November 1964.  
*Resistors are housed in an insulating hollow body which forms part of a conduit through which the compressed gas required for extinguishing the electric arc at the contact point is supplied.*

89822. I. Behl. Electrical revolving mechanism for table lamps, fans and the like. Accepted on 24th November 1964.  
*The mechanism is particularly a table lamp or fan stand wherein the said lamp or fan is capable of revolving, the mechanism is characterised in that the lead wires are taken through the bushes of ball bearings to the inside of the leads tube for connection to the lamp or fan.*

89831. Allmanna Svenska Elektriska Aktiebolaget. Device for stator winding machine. Accepted on 24th November 1964.  
*Contains a plurality of mould pairs wherein the two moulds in a mould pair are each made with at least one projection intended to be inserted into a stator winding in axial direction and each mould is provided with one coupling half for at least one mechanical plugging in coupling and the device has two axially displaceable holders.*

89854. Brown, Boveri and Company Limited. Alternating current machine with salient pole field systems. Accepted on 24th November 1964.  
*Excitation winding is fixed to one of the end plates by means of a magnetically conductive hollow cylindrical supporting ring and therein inner magnetic short-circuit path between magnet wheels is formed by way of air gaps and the supporting ring.*

89876. Standard Telephones and Cables Limited. Improved cable construction. (17th September 1962). Accepted on 24th November 1964.  
*A twin cable of two individually insulated conductors twisted together wherein the twin is substantially circular in crosssection throughout its length.*

90014. Toyo Rayon Co. Ltd. Method of manufacturing crepe-like-fabric by use of false twisted crimped yarns. Accepted on 26th November 1964.  
*Comprises forming Z- and S-twisted crimped yarns, weaving them alternately to a greige fabric and then subjecting the fabric to shrinking, tentering and heat-setting.*

90162. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the producing of phenol-glycol-monoethers. Accepted on 21st November 1964.  
*Process for the production thereof is characterised that the reaction of mono nuclear and/or poly nuclear, monohydric and/or polyhydric phenols is carried out in the presence of water soluble neutral alkali and/or alkaline earth salts.*

90283. K. K. Kroyer. A process of making a crystallizable glass material. Accepted on 24th November 1964.  
*Supplying glass forming raw material, partly by injection to lower part of inclined rotary kiln, to be distributed over whole of burning zone.*

90301. Clevite Harris Products, Inc. Lubricated rubber bearing. Accepted on 27th November 1964.  
*Comprises a polymer coated fibrous hard member having pores containing a lubricant, a soft elastomeric supporting members on back face of the hard member, the front face of the hard member engaging bearing surface of a hardar member.*

90982. F. Hoffman-La Roche & Co. Aktiengesellschaft. Amino carboxylic acids and process for the manufacture thereof. Accepted on 21st November 1964.  
*Preparation of amino carboxylic acids comprise treating a cyanogen compound with a reducing and hydrolusing agent.*

95236. Kearney & Trecker Corporation. An automatic tool change assembly for the machine tool. [Divisional date 21st May 1963]. Accepted on 21st November 1964.  
*Includes tool storage means rotatably mounted on the frame, tool change means movably carried by said frame for interchanglng tools between operating station and said tool storage means.*

96308. H. Holloway. Programmer means in a xerographic reproducing apparatus. [Divisional date 21st February 1963]. Accepted on 21st November 1964.  
*Including a support, spring loaded shaft journaled in former a cam secured to the shaft, projection on shaft, detent means, a ratchet wheel fixed on the shaft, means for imparting step-by-step rotation to the ratchet wheel from drive means and hand controlled means for rotating the shaft.*

96309. H. Holloway. Sheet feeding apparatus. [Divisional date 21st February 1963]. Accepted on 21st November 1964.  
*Combination of a frame, a supply tray, a torque tube, movable means mounted on torque tube, paper feeding means, means to rotate the torque tube, drive means connected to paper feeding means and stop means connected to torque tube.*

96310. H. Holloway. Plate cleaning assembly in xerographic reproducing apparatus. [Divisional date 21st February 1963]. Accepted on 21st November 1964.  
*Including a support, a torque tube, arm means, roller means, a supply shaft, a take-up shaft, a first drive means, a second drive means and means connected to the torque tube whereby the roller means is movable.*

96311. H. Holloway. Sheet stripper in a sheet feeding device. [Divisional dated 21st February 1963]. Accepted on 21st November 1964.  
*Including a spring mount secured to margin guide and having a support surface, a leaf spring secured to support surface and a snap secure to leaf spring.*

96312. H. Holloway. Apparatus for fixing heat fusible powder image to the surface of support material. [Divisional date 21st February 1963]. Accepted on 21st November 1964.

*Including an endless sheet conveyor mechanism, a first and second radiant heating panel each including a metal platen having tubular heating elements adapted to be connected to an electrical source and a gate operatively connected to first radiant heating panel.*

#### Opposition Proceedings

(1)

An opposition has been entered by Swastik Textile Engineers to the grant of a patent on application No. 80905, made by Mohanlal Khemchand Panchal & others.

(2)

An opposition has been entered by Terence Charles Martin to the grant of a patent on application No. 86334, made by Rajaram Mahadeo Dongre.

#### Patents Sealed

78467. 81869. 82646. 82845. 83123. 83143. 83217.  
 83272. 84100. 84255. 84364. 84424. 84491. 84524.  
 84544. 84572. 84588. 84592. 84614. 84619. 84644.  
 84676. 84714. 84723. 84724. 84786. 84893. 84929.  
 84951. 84954. 85016. 85017. 85114. 85135. 85138.  
 85194. 85212. 85232. 85347. 85351. 85352. 85388.  
 85457. 85491. 85584. 85664. 85777. 85778. 85850.  
 85910. 86003. 86028. 86057. 86100. 86210. 86211.  
 86221. 86235. 86649. 86696. 86723. 86727. 86762.  
 86774. 86794. 86804. 86807. 86840. 86896. 86978.  
 86998. 87136. 87606. 87901. 87909. 88026. 88093.  
 88094. 88218. 88613. 88698. 88699. 88734. 88744.  
 90723. 90724. 90725. 90726. 91158. 91782. 92120.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patent and Designs Act, 1911, that Argus Chemical Corporation, a corporation of the State of New York, United States of America, with offices at 633 Court Street, Brooklyn 31, New York, United States of America, seek leave to amend the description in the specification and drawings in respect of Patent application No. 83010. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Alexander Klein, a citizen of the United States of America, of La Questa Drive, Danville, State of California, United States of America, seek leave to amend the claims in the specification in respect of Patent application No. 84612. Any persons desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Kaiser Aluminium & Chemical Corporation, of 300 Lakeside Drive, Oakland 12, California, United States of America, a corporation of the State of Delaware, United States of America,

seek leave to amend the claims in the specification in respect of Patent application No. 83793. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Polymer Corporation Limited, of Sarnia, Canada, a Canadian Company duly incorporated under the Dominion Companies Act, seek leave to amend the description in the specification in respect of Patent application No. 76104. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(5)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Bata Shoe Company Private Limited, of P.O. Box 9079, 30 Theatre Road, Calcutta-16, West Bengal, India, an Indian Company, Manufacturers, seek leave to amend the description in the specification in respect of Patent application No. 87508. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(6)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a corporation organized under the laws of the Federal Republic of Germany, seek leave to amend the description in the specification in respect of Patent application No. 84987. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(7)

The amendment proposed by Farbenfabriken Bayer Aktiengesellschaft in respect of application for Patent No. 85489 as advertised in the Gazette of India, Part III, Section 2, dated the 8th August, 1964, has been allowed.

(8)

The amendment proposed by Sayaji Mills Limited in respect of Patent application No. 84115 as advertised in the Gazette of India, Part III, Section 2, dated the 8th August, 1964, has been allowed.

(9)

The amendment proposed by Becorit (G.B.) Limited in respect of Patent application No. 85510 as advertised in the Gazette of India, Part III, Section 2, dated the 8th August 1964, has been allowed.

(10)

The amendment proposed by Becorit (G.B.) Limited in respect of Patent application No. 87455 as advertised in the Gazette of India, Part III, Section 2, dated the 8th August 1964, has been allowed.

### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

52475 — J. Stead & Company Limited.

57775 — Strong Cobb Arner, Inc.  
66143

67929 — Lal Chand Khanna.

68267 — J. K. Smit & Sons. Diamond Products Limited.

47210  
47211  
62630  
64443  
68072  
66981

Stanley Works (Great Britain) Limited.

72657 — C. F. Boehringer & Soehne G.m.b.H.

### Renewal Fees Paid

42471. 42486. 42586. 42670. 42869. 43812. 44222.  
44292. 44339. 44340. 44506. 44960. 44961. 45059.  
45129. 45130. 45606. 46324. 46883. 48499. 48523.  
48534. 48535. 48582. 48631. 48649. 48713. 48867.  
48872. 48887. 49246. 49247. 50106. 50737. 50741.  
50750. 50764. 50913. 50932. 50943. 50944. 50956.  
51087. 55190. 51264. 51928. 53135. 53210. 53257.  
53281. 53289. 53295. 53307. 53411. 53438. 53476.  
53489. 53500. 53649. 53692. 53786. 53915. 54004.  
54064. 54106. 54210. 55108. 55116. 55147. 55975.  
55997. 56026. 56029. 56042. 56188. 56237. 56339.  
56390. 56440. 56656. 58194. 58320. 58650. 58907.  
59039. 59096. 59125. 59195. 59222. 59246. 59305.  
59381. 59571. 59572. 59625. 59649. 59764. 60331.  
60785. 61218. 61395. 61450. 62040. 62041. 62207.  
62426. 62448. 62464. 62472. 62485. 62511. 62513.  
62546. 62549. 62569. 62592. 62600. 62611. 62681.  
62707. 62794. 62819. 63066. 63067. 63364. 64418.  
65578. 65987. 66004. 66008. 66061. 66063. 66104.  
66106. 66117. 66160. 66161. 66180. 66189. 66201.  
66204. 66243. 66255. 66288. 66330. 66348. 66502.  
66567. 66655. 66740. 66741. 66773. 66774. 66781.  
66809. 66851. 66863. 67110. 68459. 68479. 68480.  
69235. 69305. 69804. 69855. 69863. 69906. 69916.  
69932. 69936. 69942. 69966. 69967. 69996. 70040.  
70044. 70065. 70097. 70109. 70118. 70149. 70168.  
70189. 70238. 70291. 70332. 70340. 70376. 70385.  
70451. 70452. 70515. 70519. 70635. 70658. 70665.  
70699. 70708. 71179. 71198. 72247. 72723. 72724.  
72948. 73091. 73332. 73492. 74025. 74128. 74182.  
74192. 74221. 74331. 74341. 74346. 74347. 74387.  
74388. 74400. 74406. 74438. 74440. 74463. 74472.  
74476. 74486. 74525. 74551. 74566. 74582. 74593.  
74609. 74622. 74628. 74696. 74697. 74724. 74734.  
74740. 74775. 74824. 74904. 74962. 75031. 75135.  
75138. 75163. 75228. 75457. 75467. 75549. 75570.  
75575. 75690. 75799. 75855. 75883. 75977. 75978.  
76725. 77177. 77202. 77409. 78912. 79271. 79309.  
79477. 79708. 79723. 79859. 79919. 80535. 80598.  
80599. 82742. 83535.

### Extension of the Term of Patent

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of Patent No. 40627 for "Improvements in Structures for Building or Similar Purposes" has been left at the Patent Office on behalf of Compagnie Financiere Haussmann, of 43, Boulevard Haussmann, Paris 9e, France, a company registered under the laws of France. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this patent shall within two months from the date of this notification lodge with the two Controller of Patents & Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta-1.

### Cessation of Patents

40147. 43669. 45705. 47888. 50108. 52579. 52587.  
53602. 53801. 54094. 55221. 58076. 58180. 58201.  
61482. 61491. 61498. 61503. 64984. 65019. 68800.  
68823. 68828. 68844. 68848. 68851. 68854. 72996.  
72997. 72998. 73012. 73013. 73046. 73053. 73070.  
73071. 73074. 73078. 73081. 73098. 73110. 73111.  
73119. 73662.

### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents :—

No. 53161—*Stichting Reactor Centrum Nederland*.

The patent ceased on the 18th November 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 4th April 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 23rd January 1965.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents :—

No. 65776—*Subbiah Natarajan*.

The patent ceased on the 12th November 1962, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 15th June 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 23rd January, 1965.

(3)

An order has been made on the 6th November 1964, restoring the Patent No. 62051 dated as of the 19th October 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha for "improvements in and relating to bearings".

(4)

An order has been made on the 6th November 1964, restoring the Patent No. 62052 dated as of the 19th October 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha for "improvements in and relating to thrust bearings".

(5)

An order has been made on the 6th November 1964, restoring the Patent No. 62053 dated as of the 19th October 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha for "improvements in and relating to wheel device for transportation purposes".

(6)

An order has been made on the 6th November 1964, restoring the Patent No. 62054 dated as of the 19th October 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha for "truck and wheel assembly".

(7)

An order has been made on the 6th November 1964, restoring the Patent No. 62055 dated as of the 19th October 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha for "anti-friction bearings for sliding bodies".

(8)

An order has been made on the 28th October 1964, restoring the Patent No. 62477 dated as of the 4th December 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha, for "turntables".

(9)

An order has been made on the 28th October 1964, restoring the Patent No. 62478 dated as of the 4th December 1957, granted to Amagasaki Seitetsu Kabushiki Kaisha, for "car wheels".

(10)

Notice is hereby given that an order was made on the 16th November 1964, restoring the original patent numbered 67547 dated as of the 30th April 1959, along with the Patent of addition to the said Patent numbered 75596 and dated as of the 3rd March 1961 granted to Uma Pati Ghata, for "Cupola".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 122753. Kharati Lal, 1476, Aziz Ganj, Bahadur Garh Road, Delhi, (Indian), "Spoons" July 25, 1964.

Class 1. No. 123032. Lily Products, 69, Najafgarh Road, New Delhi-15, a partnership firm registered under the Indian Partnership Act, 1932, "Lip stick containers", August 17, 1964.

Class 3. No. 122901. Diamond National Corporation, a Corporation of Delaware, 733 Third Avenue, New York 17, New York, United States of America, "A tray", August 4, 1964.

Class 10. No. 122993. Ehsan Ullah Siddiqi, Executive Engineer Hydel Division, Shahjahanpur, U.P., India, Indian Nationality, "A chappal or like footwear", August 13, 1964.

Class 13. Nos. 122453 and 122456. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra,

India, a Company incorporated in India, "Textile piece goods", June 11, 1964.

Class 13. Nos. 123498 to 123518. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", September 21, 1964.

Class 13. No. 123559 and 123560. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", September 28, 1964.

Class 13. Nos. 123572 to 123608. The India United Mills Limited, Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piece goods", September 29, 1964.

Class 13. No. 123612. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", September 30, 1964.

Class 13. Nos. 123623 and 123624. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian Company, "Textile goods", October 1, 1964.

A. JOGARAO  
*Controller General of Patents,  
Designs and Trade Marks.*

